

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A liquid crystal display comprising:
a plurality of gate lines (~~G0—Gn~~) formed along a first direction;
a plurality of data lines (~~D1—Dn~~) formed along a second direction substantially perpendicular to the first direction and crossing the gate lines;
a plurality of pixel electrodes each formed in a pixel area defined by the gate lines and the data lines, the pixel electrodes indicating pictures under control of the corresponding gate lines; and
a light transmission restricting layer formed beneath the pixel electrodes and between the plurality of data lines.
2. (Previously Presented) The liquid crystal display as claimed in claim 1, wherein the light transmission restricting layer is a semiconductive layer.
3. (Previously Presented) The liquid crystal display as claimed in claim 2, wherein the semiconductive layer is an amorphous silicon layer.
4. (Withdrawn) A method for manufacturing a liquid crystal display, the method comprising:
forming gate lines and a gate electrode on a substrate;
forming a gate insulating film on the substrate, including the gate electrode;

forming a first active layer on the gate insulating film corresponding to an upper portion of the gate electrode and forming a second active layer on the gate insulating film corresponding to a portion where pixel electrodes are to be formed;

forming source/drain electrodes on an upper portion of the first active layer; and

forming a passivation film on the whole surface of the active layer including the source/drain electrodes.

5. (Withdrawn) The method as claimed in claim 4, wherein the first and second active layers are amorphous silicon layers.

6. (Withdrawn) The method as claimed in claim 4, wherein a thickness of the second active layer is changed according to the transmission of light.

7. (Withdrawn) The method as claimed in claim 6, wherein the second active layer is adjusted in area according to an etching speed.

8. (Currently Amended) A liquid crystal display (LCD) device, comprising:

a substrate;

an insulating layer on the substrate;

a plurality of scanning lines (G \emptyset - Gn) extending along a first direction [[on]] over the substrate;

a plurality of data lines (D1 - Dn) extending along a second direction substantially perpendicular to the first direction [[on]] over the substrate and crossing the scanning lines (G \emptyset - Gn);

a plurality of switching devices [[on]] over the substrate arranged in a plurality of rows, each switching device including an active layer formed on the insulating layer, wherein each switching device is connected to one of the scanning lines (GØ - Gn) for controlling a switching of the switching device and one of the data lines (D1 - Dn) for applying data to the switching device, wherein switching devices in each row are connected to a same scanning line, and wherein the rows of switching devices are sequentially scanned by the scanning lines (GØ - Gn);

a plurality of pixel electrodes [[on]] over the substrate in a plurality of pixel areas defined by the scanning lines (GØ - Gn) and the data lines (D1 - Dn), the pixel electrodes each being connected to a corresponding one of the switching devices; and

a light transmission restricting layer formed directly on the insulating layer and beneath the plurality of pixel electrodes, ~~wherein the plurality of pixel electrodes are controlled by a second scanning line (G1) among the scanning lines (GØ - Gn).~~

9. (Previously Presented) The LCD device of claim 8, wherein the light transmission restricting layer is a semiconductive layer.
10. (Previously Presented) The LCD device of claim 9, wherein the switching devices include an active layer.
11. (Previously Presented) The LCD device of claim 9, wherein the semiconductive layer is an amorphous silicon layer.

12. (Original) The LCD device of claim 8, further comprising an insulating material between the light transmission restricting layer and the substrate.

13. (Currently Amended) A method for manufacturing a liquid crystal display, the method comprising:

forming a plurality of scanning lines (GØ - Gn) along a first direction on a substrate;

forming an insulating layer on the substrate ~~including~~ on which the scanning lines (GØ - Gn) are formed;

forming a plurality of switching devices on the insulating layer, the forming the plurality of switching devices including forming an active layer for each of the switching devices;

forming a light transmission restricting layer ~~on the insulating layer~~ simultaneously with the forming of the active layer;

forming a plurality of data lines (D1 - Dn) along a second direction substantially perpendicular to the first direction on the substrate and crossing the scanning lines (GØ - Gn);
and

forming a plurality of pixel electrodes on the substrate in a plurality of pixel areas defined by the scanning lines (GØ - Gn) and the data lines (D1 - Dn), the pixel electrodes each being controlled by one of the scanning lines,

wherein the light transmission restricting layer is formed beneath the plurality of pixel electrodes.

14. (Original) The method of claim 13, further comprising forming a second insulating layer on the light transmission restricting layer before forming the pixel electrodes.

15. (Original) The method of claim 13, further comprising forming a plurality of switching devices on the substrate arranged in a plurality of rows, each switching device connected to one of the scanning lines (G0 - Gn) and one of the data lines (D1 - Dn).

Claim 16 (Canceled).

17. (Previously Presented) The liquid crystal display as claimed in claim 1, wherein the light transmission restricting layer is formed beneath a plurality of pixel electrodes that are controlled by a second gate line (G1) among the gate lines (G0 - Gn).

18. (Previously Presented) The method of claim 13, wherein the light transmission restricting layer is formed beneath the plurality of pixel electrodes that are controlled by a second scanning line (G1) among the scanning lines (G0 - Gn).